**Series CT40/50 Current Transformer**

4-20 mA or 0-5 VDC Output, Split Core Case

True RMS Current Transformer

Field Selectable Range, Split Core Case

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**Series CT40/50** combine current transformer and signal conditioner into a single package. Transformers feature jumper selectable ranges and split core case. Units are designed for applications on linear or sinusoidal AC loads.

### SPECIFICATIONS

**Output Signal:** 0-5 VDC or 4-20 mA, depending on model.

**Power Requirements:** See table.

**Accuracy:** CT40/50-102: 1.0% FS; CT40/50-100: 0.5% FS.

**Temperature Limits:** -4 to 122°F (-20 to 50°C).

**Response Time:** CT40/50-102: 100 ms; CT40/50-100: 300 ms.

**Isolation Voltage:** 1270 VAC.

**Frequency:** CT40/50-102: 50-60 Hz; CT40/50-100: 20-100 Hz (sinusoidal waveforms only).

**Enclosure Rating:** UL 94V-0 flammability rated.

**Agency Approval:** CE.

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Output</th>
<th>Power Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT40-100</td>
<td>10/20/50 A</td>
<td>4-20 mA</td>
<td>12-40 VDC, Loop Powered</td>
</tr>
<tr>
<td>CT40-102</td>
<td>20/20/50 A</td>
<td>0-5 VDC</td>
<td>Self Powered</td>
</tr>
<tr>
<td>CT50-100</td>
<td>100/150/200 A</td>
<td>4-20 mA</td>
<td>12-40 VDC, Loop Powered</td>
</tr>
<tr>
<td>CT50-102</td>
<td>100/150/200 A</td>
<td>0-5 VDC</td>
<td>Self Powered</td>
</tr>
</tbody>
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**Series CT60/70 Current Transformers** provide true RMS output on distorted AC waveforms – ideal for nonlinear loads or noisy environments. Each model offers three jumper selectable ranges and 1270 VAC isolation. Split core case allows easy installation.

### SPECIFICATIONS

**Output Signal:** 4-20 mA, loop powered, true RMS.

**Power Requirements:** 24 VDC nominal.

**Accuracy:** 0.8% FS.

**Temperature Limits:** -4 to 122°F (-20 to 50°C).

**Response Time:** 600 ms to 90%.

**Isolation Voltage:** 1270 VAC.

**Frequency:** 10-400 Hz.

**Enclosure Rating:** UL 94V-0 flammability rated.

**Agency Approval:** CE.

<table>
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<tr>
<td>CT60-100</td>
<td>10/20/50 A</td>
</tr>
<tr>
<td>CT70-100</td>
<td>100/150/200 A</td>
</tr>
</tbody>
</table>